WHAT IS CLAIMED IS:

1.   A system for managing information comprising:

a communication request monitor unit which monitors a communication request;

a management unit which selects a countermeasure based upon information notified from the communication request monitor unit; and

a performing unit which performs the countermeasure in response to an instruction from the management unit, wherein said management unit includes,

a database which manages a notification content from the communication request monitor unit and a countermeasure that the performing unit performs while letting the notification content and the countermeasure correspond to each other; and

a selection unit which selects a countermeasure based upon the database.

2.   The system according to claim 1, further comprising an information collection unit which collects information related to the kind, content, order, and time interval of two or more communications in a proceeding process of an attack event or a leakage event and a reflection unit which reflects the information collected and regulated by the information collection unit upon the database.

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3.   The system according to claim 1, wherein the selection unit selects a countermeasure from various angles based upon the database and mounting information, operation management information, and/or security information.

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4.   The system according to claim 3, wherein based upon which of the mounting information, the operation management information   and/or   the   security   information   a countermeasure is selected can be setting-changed according

10   to the selection of a user.

5.   The   system   according   to   claim   1,   wherein   the communication request monitor unit, management unit, and the performing unit are provided in plurality.

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6.   The   system   according   to   claim   5,   wherein   the communication request monitor units, management units, and the performing units cooperate with each other between the same type or different types thereof to exchange information.

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7.   The   system   according   to   claim   1,   wherein   the information notified by the communication request monitor unit and/or a countermeasure selected by the management unit are weighted.

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8.   The system according to claim 7, wherein a weight coefficient for the weighting can be arbitrarily set by a user.

5   9.   The system according to claim 7, wherein a weight coefficient for the weighting is set based upon the mounting information, operation management information and/or security information.

10   10.   The system according to claim 1, wherein the database holds information notified by the communication request monitor unit in time series, and the selection unit selects a countermeasure based upon the time series information stored in the database.

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11.   The system according to claim 5, further comprising a site map formation unit which forms a site map representing a spatial arrangement of a website based upon the information notified by the plural communication request monitor unit.

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12.   The system according to claim 7, further comprising a site map formation unit which forms a site map representing a spatial arrangement of a website based upon the information notified by the plural communication request monitor unit.

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13.   The system according to claim 10, further comprising

a site map formation unit which forms a site map representing

a spatial arrangement of a website based upon the information

notified by the plural communication request monitor unit.

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14.   The system according to claim 5, further comprising

a monitor condition notification unit which notifies the

communication request monitor unit of the kind and/or time

of a communication to be a monitor object based upon the

10   a site map formed by the site map formation unit.

15.   The system according to claim 7, further comprising

a monitor condition notification unit which notifies the

communication request monitor unit of the kind and/or time

15   of a communication to be a monitor object based upon the

a site map formed by the site map formation unit.

16.   The system according to claim 10, further comprising

a monitor condition notification unit which notifies the

20   communication request monitor unit of the kind and/or time

of a communication to be a monitor object based upon the

a site map formed by the site map formation unit.

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17.   The system according to claim 1, wherein the management unit gives a request to a website existing in a network and automatically updates the database based upon information replied in response to the request.

18.   The system according to claim 17, wherein the request is performed in response to a request of a user.

19.   The system according to claim 1, wherein the management unit automatically updates the database based upon information automatically transmitted from a website existing in a network.

20.   The system according to claim 19, wherein the information automatically transmitted from a website existing in a network are taken in the database in response to a request of a user.

21.   The system according to claim 1, further comprising a vulnerability present unit which provides vulnerability of the system; and an information collection unit which collects information related to an attack the vulnerability presented by the vulnerability present unit.

22.   The system according to claim 1, further comprising an investigation unit investigating an outgoing source of a communication content and a determination unit which determines whether or not a website is made a stepping-stone by an ill-intentioned person based upon an investigation result by the investigation unit.

23.   The system according to claim 1, further comprising a decoy unit leading a communication to a location different from an attack object to avoid an attack.

24.   A method of managing information comprising:

a communication request monitor step monitoring a communication request by a communication request monitor unit;

a selection step in which a management unit selects a countermeasure based upon a database which manages a notification content notified by the communication request monitor step and a countermeasure performed while making them correspond to each other; and

a performing step in which a performing unit performs a countermeasure in response to an instruction from the management step.

25. The method according to claim 24, further comprising an information collection step collecting information related to the kind, content, order, and time interval of two or more communications in a proceeding process of an attack event or a leakage event and a reflection step reflecting the information collected and regulated by the information collection step upon the database.

26. The method according to claim 24, wherein the selection step selects a countermeasure from various angles based upon the database and mounting information, operation management information, and/or security information.

27. The method according to claim 26, wherein based upon which of the mounting information, the operation management information and/or the security information a countermeasure is selected can be setting-changed according to the selection of a user.

28. The method according to claim 24, wherein the communication request monitor unit, management unit, and the performing unit are provided in plurality.

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29.   The method according to claim 28, wherein the respective plurality of communication request monitor units, management units, and performing units cooperate with each other between the same type or different types thereof to
5   exchange information.

30.   The method according to claim 24, wherein the information notified by the communication request monitor unit and/or a countermeasure selected by the management unit
10   are weighted.

31.   The method according to claim 30, wherein a weight coefficient for the weighting can be arbitrarily set by a user.

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32.   The method according to claim 30, wherein a weight coefficient for the weighting is set based upon the mounting information,   operation   management   information   and/or security information.

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33.   The method according to claim 24, wherein the database holds information notified by the communication request monitor unit in time series, and the selection step selects a countermeasure based upon the time series information
25   stored in the database.

34.   The method according to claim 28, further comprising
a site map formation step forming a site map representing
a spatial arrangement of a website based upon the information
notified by the communication request monitor units.

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35.   The method according to claim 30, further comprising
a site map formation step forming a site map representing
a spatial arrangement of a website based upon the information
notified by the communication request monitor units.

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36.   The method according to claim 33, further comprising
a site map formation step forming a site map representing
a spatial arrangement of a website based upon the information
notified by the communication request monitor units.

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37.   The method according to claim 28, further comprising
a monitor condition notification step notifying the
communication request monitor units of the kind and/or time
of a communication to be a monitor object based upon the

20   a site map formed by the site map formation step.

38.   The method according to claim 30, further comprising
a monitor condition notification step notifying the
communication request monitor units of the kind and/or time

25   of a communication to be a monitor object based upon the

a site map formed by the site map formation step.

39.   The method according to claim 33, further comprising a monitor condition notification step notifying the communication request monitor units of the kind and/or time of a communication to be a monitor object based upon the a site map formed by the site map formation step.

40.   The method according to claim 24, wherein the management unit gives a request to a website existing in a network and automatically updates the database based upon information replied in response to the request.

41.   The method according to claim 40, wherein the request is performed in response to a request of a user.

42.   The method according to claim 24, wherein the management unit automatically updates the database based upon information automatically transmitted from a website existing in a network.

43.   The method according to claim 42, wherein the database is automatically update based on the information transmitted from a website existing in a network in response to a request of a user.

44.   The method according to claim 24, further comprising a vulnerability present step of providing vulnerability of the system; and an information collection step collecting information related to an attack against the vulnerability

5   provided in the vulnerability present step.

45.   The method according to claim 24, further comprising an investigation step investigating an outgoing source of a communication content and a determination step determining

10   whether or not a website is made a stepping-stone by an ill-intentioned person based upon an investigation result by the investigation step.

46.   The method according to claim 24, further comprising

15   a decoy unit leading a communication to a location different from an attack object to avoid an attack.

47.   A computer readable medium for storing instructions, which when executed on a computer, causes the computer to

20   perform the steps of:

monitoring communication requests;

outputting a notification in case of a abnormality;

selecting a countermeasure from a database which

manages   content   of   notification   and   corresponding

25   countermeasure; and

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taking a countermeasure against the abnormality based

on the selected countermeasure.